

IN THE SPECIFICATION

Please replace the paragraph beginning at page 8, line 10 with the following:

In more detail, one aspect of the present invention provides a silica glass crucible suitable for use in a CZ-process. Turning now to FIG. 1, one aspect of the present invention is a silica glass crucible 1 having a wall 10 defining an interior cavity 12. The wall 10 comprises a side wall 10a[[s]] (FIG. 2) and a bottom wall 10b (FIG. 3).

Please replace the paragraph beginning at page 10, line 16 with the following:

Fusion of formed silica grain is shown in FIG. 6. An electrode assembly, comprising a power source 37 36 and electrodes 38a,38b, is positioned partially within the interior cavity of the rotating mold 20. An electric arc is produced between electrodes 38a,38b by supplying 250–350V and approximately 1800A direct current. A region of heat 42 is thereby generated within the mold interior. This heat 42 serves to fuse formed grain layers 30,34 in the mold.

Please replace the paragraph beginning at page 16, line 10 with the following:

As discussed earlier, rosettes form on the inner surface of a crucible during a CZ-process (FIGS. 8-10). FIG. 8 depicts an inner surface 50 of a crucible, on which have formed a plurality of rosettes where the crucible surface 50 contacts the silicon melt. A rosette generally has a ring 52; the ring and the region inside the ring are cristobalite-56.